

Brady Creek Dam and Brady Creek Reservoir

OWNER

City of Brady.

ENGINEER (Design)

Freese, Nichols and Endress.

LOCATION

On Brady Creek in McCulloch County, 3 miles west of Brady.

DRAINAGE AREA

513 square miles. Part of runoff is controlled by U.S. Soil Conservation Service flood retarding structures.

DAM

Type	Earthfill
Length	8,400 ft
Height	104 ft
Top width	36 ft

SPILLWAY (emergency)

Location	Right end of dam
Type	Cut channel
Crest length	1,000 ft
Crest elevation	1,762.4 ft above msl

SPILLWAY (service)

Type	Drop inlet
Outlet	Concrete conduit, 7 by 7 ft
Crest elevation	1,743.0 ft above msl

OUTLET WORKS

Type	Gated outlet tower
Outlet	36-inch cast iron pipe
Purpose	Low flow release and water supply

STATE AUTHORIZATION

Permit No. 1953 (Application No. 2137) May 2, 1960, authorizes storage of 30,000 acre-feet of water and annual use of 3,000 acre-feet for municipal use and 500 acre-feet for industrial purposes.

RESERVOIR DATA (Based on 1960 U.S. Geological Survey topographic maps)

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	1,783.0	—	—
Crest of emergency spillway	1,762.4	90,310	4,464
Crest of service spillway	1,743.0	30,430	2,020
Invert lowest outlet	1,712.0	1,320	—
Usable storage above outlet	—	29,110	—

GENERAL

Construction started	December 27, 1961
Deliberate impoundment began	January 7, 1963
Dam completed	May 14, 1963
General contractor	Roland Sherear, Weatherford, Texas
Estimated cost of dam	\$1,075,600

